

# START

## MANUAL REVISION INSTRUCTIONS

Date  
2/15/90

To: Custodian

Document No.: WHC-CM-7-5

Title: Environmental Compliance

Revision Release No.: 7

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### Section Number and Title

#### Remove

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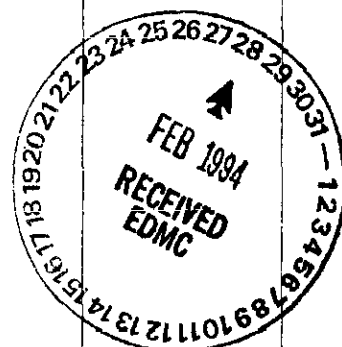
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Note: Page 9 is a page change  
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E. M. Schroeder, Manager  
Management Standards

*E. M. Schroeder*

Date

2-20-90

I have personally received the revisions identified for release  
in this package and assume full responsibility for updating  
my manual in accordance with instructions.

P. A. Thurman, Manager  
Document Control

*P. A. Thurman*

Date

2/22/90

Custodian

*R. B. Atterberry*

Date

3-8-90

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## ENVIRONMENTAL COMPLIANCE MANUAL

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## ENVIRONMENTAL COMPLIANCE MANUAL

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STANDARDS FOR NONRADIOACTIVE  
NONHAZARDOUS SOLID WASTE DISPOSAL

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## 4. Demolition and inert waste landfill specific requirements.

Only waste meeting the definitions of demolition and inert waste is allowed to be disposed of in the 100 Area landfills. In addition to the in-situ building demolition, the following sites are authorized to receive demolition and inert waste:

100-B Area184-B Coal Pit  
183-B Clearwells100-F Area

183-F Clearwells

100-H Area

183-H Clearwells

100-D Area

190-DR Clearwell Tank Pit

100-K AreaGravel Pit (East of Burial Ground)  
183-KE and 183-KW Clearwells

NOTE: Due to their proximity to the water table and flood plain, the 183-F and 183-H Clearwells are not authorized to receive asbestos-containing waste materials.

- a. Demolition and inert landfill operators shall comply with the general responsibilities of Section 4.0, as long as only inert and demolition wastes are disposed of in these facilities.
- b. Disposal facilities shall not be located on a hill with an unstable slope.
- c. Friable asbestos shall not be disposed of in the 100 Area demolition and inert landfills. Friable asbestos shall be removed from the demolition facility in accordance with the requirements of WHC-CM-4-3, Industrial Safety Manual, Standard C-3.
- d. Records of weights or volumes and types of waste disposed at each site shall be maintained.
- e. Dust from disposal operations shall be controlled as necessary by water spray.
- f. Timbers and wood waste shall be covered with soil or other suitable material during summer months to reduce fire hazard.
- g. Facility managers shall not allow disposal of any form of waste except inert waste and demolition waste.
- h. For the sites listed above, a minimum distance of 50 feet shall be maintained between the disposal site and any permanent roads or structures. The disposal site area will be roped

off, at a minimum, to control access, with appropriate signs and the entrance(s) posted. The signs shall provide instructions to prevent the disposal of unsuitable waste at the site.

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i. Open burning or incineration shall not be performed at the inert waste and demolition waste sites.

j. Salvage operations shall not be performed at the disposal site.

k. As small an area as possible shall be used for waste disposal by employing appropriate compaction techniques. Layering of the waste shall be performed as appropriate. Face slopes shall be maintained between 20 and 30°.

1. These landfills shall be closed by leveling and filling all the voids. A minimum of 1 foot soil shall be used as cover.

Basis: WAC-173-304-461.

#### 5. Ash pile specific requirements.

a. Ash piles shall comply with the general facility requirements listed in Section 5.0.1.

b. All solid wastes shall be removed from the pile at closure to another permitted disposal facility.

c. Disposal facility management shall obtain a certificate of non-designation (WAC 173-303-075) as part of the permitting process identified in WAC 173-304-600. This certificate signifies that the ash waste is nonhazardous and is not likely to produce leachate that would cause the concentration of the substance in the groundwater to exceed the maximum contaminant limits.

If a certificate is not granted then, the following requirements shall be met:

a. A liner shall be installed.

b. Liquid run-off control systems shall be installed such as:

o groundwater monitoring, or

o leachate detection, collection, and treatment system.

c. Liquid run-on prevention shall be installed.

Basis: WAC 173-304-420.